

## **CITY OF ROSWELL**

**EOE**

**POSITION OPENING #13-037**

**POSITION:** Wastewater Electrician

**DEPARTMENT:** Water - WWTP

**WORK SCHEDULE:** 7:00 am to 3:30 pm, Monday through Friday. Hours may vary to include evenings, weekends and holidays.

**STARTING HOURLY RATE:** \$13.1368 to \$17.18.0647

**UNION GROUP:** Blue Collar

**STATUS:** Regular Full-Time

**OPENING DATE:** July 1, 2013

**DEADLINE TO SUBMIT REQUIRED APPLICATION:** Until Filled

### **WASTEWATER ELECTRICIAN**

#### **Definition and Distinguishing Characteristics**

This is skilled, journeyman-level electrical work in the installation, alteration, maintenance and repair of electrical motor controls, automated and co-generation system.

Work is performed in accordance with the National Electrical Codes, the New Mexico State Codes, and safety practices of the electrical and electronic trade. Employees in this class are expected to continually increase their skill level in solving electrical and electronic problems within the City's automated industrial and co-generation system. Work in this class requires some pre-employment training, education and experience in electrical and electronic installation, maintenance, troubleshooting and repair. Work in this class requires the exercise of considerable judgment and is allowed considerable latitude in determining the methods by which tasks are accomplished. Supervisory responsibility is not necessarily a requirement of this position; however, employees may exercise some direction over unskilled subordinates from time to time. Work involves some elements of personal danger in dealing with extremely high voltage electrical and electronic equipment in Class I, Division I Atmosphere (poison and combustible gases).

#### **Typical Examples of Work Performed**

Performs routine maintenance, troubleshoots, identifies and corrects problems in the City co-generation and automated systems, including both mechanical and modern, programmable solid state motor controllers. May overhaul and rebuild mechanical and electrical controllers. Installs and wires new controllers, signal mechanisms and electrical heating units.

Locates and corrects power failures, short circuits and other problems in electrical wiring and systems. May be required to perform all tasks and duties as outlined in classes: Traffic Signal Maintainer I and II, and Electrician.

May assist in collection system T.V. monitoring.

May be required to wear and use a respirator.

May drive City vehicles.

Performs related work as required.

#### **Knowledges, Skills and Abilities**

Thorough knowledge of the practices, methods, tools and materials of the electrical trade.

Considerable knowledge of the occupational hazards of the electrical trade and the necessary safety precautions.

Thorough knowledge of both National and State of New Mexico Electrical Codes.

Good knowledge of electrical and electronic theory and principles.

Ability to repair Automated Industrial Motor Control with considerable skill in locating and adjusting defects in electrical systems and equipment.

Ability to understand and follow instructions and to read and interpret electrical sketches, diagrams and blueprints.

Ability to climb and work at heights.

Ability to wear and use a respirator.

Ability to drive City vehicles safely and efficiently.

Ability to establish and maintain effective working relationships with fellow employees and the general public.

#### **Minimum Requirements of Education and Experience**

Graduation from a standard senior or vocational high school or equivalent. Satisfactory completion of formalized technical training in electrical motor control and automated motor controls and four years' increasingly responsible apprentice-type experience in the electrical trade.

#### **Necessary Special Qualifications**

Must possess and maintain of a valid Class D driver's license issued by the State of New Mexico and be insurable by the City's insurance carrier.

**Licensed as a Journeyman Electrician (EE 98J) by the State of New Mexico.**

#### **Other Necessary Requirements**

Must pass a post-offer pre-employment limited physical given by a City-designated physician.

**Must be able to pass pre-employment post-offer drug screening.**

Must provide proof of, or obtain within 30 days, immunization against tetanus and diphtheria. If immunized for these over 10 years ago, must have proof of, or obtain, a booster.

**IF YOU REQUIRE SPECIAL ACCOMMODATIONS, PLEASE CONTACT THE HUMAN RESOURCES  
DEPARTMENT AT CITY HALL, 425 N. RICHARDSON, (575) 624-6700, EXT. 268**